

**Commonwealth of Kentucky**  
**Division for Air Quality**  
**EXECUTIVE SUMMARY**

ON THE CONDITIONAL MAJOR DRAFT PERMIT F-07-029

Owensboro Specialty Polymers, LLC

5529 US HWY 60 East

Owensboro, KY 42303

August 18, 2007

Julian Breckenridge, Reviewer

SOURCE ID: 021-059-00155

AGENCY INTEREST: 972

ACTIVITY: APE20060003

**SOURCE DESCRIPTION:**

An operating permit application was received from Owensboro Specialty Polymers, LLC (OSP) on November 16, 2006 and was completed on January 15, 2007. The applicant operates a batch chemical manufacturing facility in Owensboro, Kentucky. The primary products of OSP are various latex polymers, which fall under the Standard Industrial Classification (SIC) Code 2821 – Plastics Materials and Resins. There are four process groups at the facility: (1) reactor trains, (2) raw material storage tanks, (3) product storage tanks with ancillary piping, and (4) wastewater treatment facilities. The source was a major source for hazardous air pollutants (HAPs) under Title V and operates under permit #V-05-053. However, based on the elimination of three product lines (COPOL, DMDNB and HYPOL), OSP wants to become a conditional major source with federally enforceable limits. The source has applied to operate under those permit limits of less than 90 tons per year of VOC, less than 9.5 and 23.75 tons per year of single and combined HAPs, respectively.

**PUBLIC AND U.S. EPA REVIEW:**

On July 18, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *Messenger-Inquirer* in Owensboro, Kentucky. The public comment period expired 30 days from the date of publication.

Comments were received from Owensboro Specialty Polymers, LLC of Owensboro, Kentucky on July 31, 2007. Attachment A to the Responses to Comments lists the comments received and the Division's response to each comment. Minor changes were made to the permit as a result of the comments received, however, in no case were any emissions standards, or any monitoring, recordkeeping or reporting requirements relaxed. Please see Attachment A for a detailed explanation of the changes made to the permit.